Index of Claims

| Ap | plica | tion/ | Cont | rol No. |
|----|-------|-------|------|---------|
|----|-------|-------|------|---------|

10/712,206

Applicant(s)/Patent under Reexamination

DE SYLVA, ROBERT FRANCIS

Art Unit

Examiner

Steven S. Paik

2876

Rejected **Allowed**

| _ | (Through numeral) Cancelled |
|---|--------------------------------|
| ÷ | Restricted |

| Z | Non-Elected |
|---|--------------|
| _ | Interference |

| A | Appeal |
|---|----------|
| 0 | Objected |

| Cla | aim | | | | _ | Dat | <u>—</u> | | | | | Cla | aim | Date | | | | | |
|----------|----------|--|--------------|--|----------|--|--|--|--|--|---|------------|----------|----------|----------|--------------|--|--|---|
| Final | Original | 90/06/6 | | | | | | | | | | Final | Original | | | | | | Ī |
| ш. | | 6 | _ | | | | | | | | | ш. | l | | | | | | L |
| | 1 | 1 | | <u> </u> | <u> </u> | ┡ | ┞ | <u> </u> | _ | | | | 51 52 | | | <u> </u> | <u> </u> | <u> </u> | Ļ |
| | 2 | Н | | | L | ┡ | ⊢ | ┡ | _ | <u> </u> | l | | 52 | _ | <u> </u> | _ | <u> </u> | <u> </u> | Ļ |
| | 3 | Н | | _ | _ | \vdash | - | | | | | | 53 | L | _ | ┡ | ┡ | ┡ | ╀ |
| | 4 | Н | | <u> </u> | ┝ | ├ | | | <u> </u> | | ļ | | 54 | L | | _ | <u> </u> | \vdash | ╀ |
| | 5 | H | _ | - | ⊢ | ┝ | ⊢ | \vdash | - | ┝ | | | 55 | | _ | <u> </u> | <u> </u> | ⊢ | ╀ |
| | 7 | H | _ | H | ┝ | ┢ | ├ | ├ | <u> </u> | - | | | 56 57 | | | ⊢ | ⊢ | ⊢ | ╀ |
| - | 8 | H | _ | - | ┢ | ┢ | ┢ | - | - | | | - | 58 | - | _ | ├ | \vdash | ┝ | ╀ |
| | 9 | H | _ | ┝ | ┝ | ├ | ├ | ⊢ | - | ┝ | | | 59 | - | _ | ┢ | ├- | ├ | ╀ |
| | 10 | - | | | ├ | ├ | ⊢ | ╢ | ┈ | \vdash | { | | 60 | \vdash | _ | \vdash | ⊢ | ├ | ╁ |
| | 11 | ╂╴ | | ┢ | _ | ╁ | ┢ | | - | ├─ | 1 | | 61 | - | _ | ⊢ | ┢ | ┢ | ╁ |
| | 12 | - | | - | \vdash | \vdash | \vdash | ╁ | ╁ | \vdash | 1 | | 62 | Н | | \vdash | \vdash | ⊢ | t |
| | 13 | ╟ | _ | ┢ | | ┢ | H | | | | | | 63 | - | _ | - | - | ╁ | t |
| | 14 | # | | \vdash | \vdash | \vdash | \vdash | | | - | 1 | | 64 | | \vdash | \vdash | \vdash | \vdash | t |
| | 15 | ╫ | - | ╁╌ | | ╁─ | | - | - | \vdash | 1 | | 65 | \vdash | _ | \vdash | \vdash | 一 | t |
| | 16 | # | | | \vdash | | | | | \vdash | 1 | | 66 | | | \vdash | \vdash | \vdash | t |
| | 17 | 1 | \vdash | T | | \vdash | | _ | | | | | 67 | | | H | | t | t |
| | 18 | 1 | | | | | | | | \vdash | | | 68 | | | _ | | 一 | t |
| | 19 | 1 | | | \vdash | t | \vdash | \vdash | | \vdash | 1 | | 69 | | | \vdash | | ╁ | t |
| | 20 | # | _ | \vdash | | ┢ | | - | _ | | 1 | | 70 | | | | | \vdash | t |
| | 21 | 1 | | | H | T | \vdash | | | | 1 | | 71 | | | ┢ | | H | t |
| | 22 | Н | | | | T | | | | | | | 72 | | _ | | | ⇈ | t |
| | 23 | 1 | | \vdash | | T | Т | | | | 1 | | 73 | | _ | | _ | T | r |
| | 24 | V | | | | | T | Г | | | | | 74 | | | Г | | | T |
| | 25 | Г | | | Г | | | | T | | ĺ | | 75 | | | | | T | T |
| | 26 | | | | | 1 | | | | | i | | 76 | | | | | | T |
| | 27 | | | | | Π | | | | | | | 77 | | | | | | Γ |
| | 28 | | | | | | | | | | | | 78 | | | | | | Γ |
| | 29 | | | | | | | | | | | | 79 | | | | | | |
| | 30 | L | | _ | _ | <u> </u> | | _ | | | | | 80 | | _ | | <u></u> | <u> </u> | L |
| | 31 | _ | | ļ | L | <u> </u> | _ | _ | <u> </u> | | | | 81 | | | _ | _ | | L |
| | 32 | | | _ | <u> </u> | ļ | <u> </u> | _ | | L_ | Į | | 82 | | | L | <u> </u> | Ļ. | L |
| | 33 | _ | _ | _ | <u> </u> | _ | _ | _ | _ | <u> </u> | | | 83 | | | _ | _ | <u> </u> | Ļ |
| | 34 | _ | | _ | <u> </u> | <u> </u> | <u> </u> | _ | _ | <u> </u> | | | 84 | | | _ | | ┞- | Ļ |
| | 35 | _ | _ | | <u> </u> | ├_ | | <u> </u> | <u> </u> | <u> </u> | l | | 85 | | | <u> </u> | <u> </u> | ├ | ╀ |
| | 36 | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | - | <u> </u> | <u> </u> | | <u> </u> | 86 | | _ | \vdash | | - | ╀ |
| | 37 | <u> </u> | <u> </u> | ├- | ⊢ | ├- | - | <u> </u> | - | - | | | 87 | <u> </u> | <u> </u> | ├ | | - | ╀ |
| <u> </u> | 38 | - | | | ├ | | <u> </u> | <u> </u> | | | | | 88 | _ | <u> </u> | <u> </u> | | - | ╀ |
| | 39 | - | ├ | ⊢ | ⊢ | \vdash | \vdash | - | \vdash | \vdash | | | 89 | - | \vdash | | ├- | - | + |
| | 40 | \vdash | | \vdash | \vdash | \vdash | | \vdash | \vdash | \vdash | | | 90 | \vdash | \vdash | \vdash | \vdash | \vdash | + |
| | 41 | - | <u> </u> | \vdash | \vdash | \vdash | | \vdash | - | \vdash | | | 91 | \vdash | <u> </u> | \vdash | ⊢ | \vdash | ╀ |
| | 42 43 | - | | | - | - | - | \vdash | - | ├ | | | 92 93 | | ├ | ├- | \vdash | - | + |
| | 43 | ├ | - | - | | ├ | - | | ├- | | | | 94 | | | - | - | - | ╀ |
| | 45 | ├ | - | ├- | | - | +- | | ├ | ├ | | | 95 | | ├— | ├ | | - | ╁ |
| \vdash | 46 | - | - | - | ├ | - | - | - | - | ├ | | | 96 | - | - | - | - | \vdash | + |
| <u> </u> | 47 | | - | ├ | ┢ | - | - | \vdash | ├ | ├ | | ļ <u> </u> | 97 | - | \vdash | - | - | | t |
| | 48 | - | - | | \vdash | \vdash | +- | \vdash | - | ┢╌ | 1 | | 98 | - | | - | \vdash | \vdash | t |
| | 49 | - | - | - | \vdash | | \vdash | - | | \vdash | | | 99 | - | _ | - | +- | | t |
| - | 50 | | \vdash | \vdash | \vdash | \vdash | | - | | \vdash | | | 100 | | ├ | +- | \vdash | | + |
| | | | — | | | Щ. | | | Ь | Ь— | J | Ь—— | | _ | _ | | | Щ. | _ |

| | - | | _ | _ | _ | | | | | | _ |
|---|-------|----------------------|---------------|----------|----------|----------|----------|--------------|----------|----------|----------|
| | Final | Original | | | | | | | | | |
| | | 51 52 53 | | | | | | | | | |
| | | 52 | | | | | | | | | |
| | | 53 | | | | | | | | | |
| | | 54 55 | | | | | | | | | |
| | | 55 | | | | | | | | | |
| | | 56 | | | | | | | | | |
| | | 57 | | | | | | | | | |
| | | 58 59 | | | | | | | | | |
| | | 59 | | | | _ | | _ | | | |
| | | 60 | | | | | | | | | |
| | | 61 | | | | | | | | | |
| | | 61 62 | | | | | | | | | |
| | | 63 | | _ | | | | | | | |
| | | 63 64 | | | | | | | | | |
| ĺ | | 65 | | | | | | | | | |
| | | 66 | | | | | | | | | |
| | | 66 67 | | | | | | | | | |
| | | 68 | | | | | H | | | _ | |
| | | 69 | | | _ | | | _ | - | \vdash | |
| | _ | 70 | | | | | \vdash | \vdash | | _ | |
| | | 71 | | | | | \vdash | | | | |
| | | 72 | | | | | - | - | | | |
| | _ | 73 | | | | | - | | | _ | _ |
| | | 72 73 74 75 | _ | | _ | _ | \vdash | \vdash | | _ | |
| | | 75 | | | - | | - | - | - | _ | |
| | | 76 | - | _ | | _ | - | | | | |
| | - | 76 77 78 | _ | | - | | - | | - | | |
| | | 78 | | | | | H | H | | | _ |
| | | 79 | _ | | _ | _ | _ | | \vdash | _ | |
| | | 80 | | | \vdash | | \vdash | | | | |
| | | 80 81 | - | - | - | | \vdash | \vdash | | | |
| | | 82 | | | | | \vdash | | | | ┢ |
| | | 82 83 | | | \vdash | _ | - | - | _ | _ | ┢ |
| | | 84 | | _ | \vdash | _ | _ | \vdash | | | \vdash |
| | | 85 | | | \vdash | | _ | | | _ | - |
| | | 86 | | _ | \vdash | | \vdash | \vdash | _ | _ | ┢ |
| | | 87 | | | | - | - | | _ | | |
| | | 88 | _ | _ | _ | | - | | | | |
| | | 89 | | | | _ | _ | | _ | | _ |
| | | 90 | $\overline{}$ | \vdash | _ | \vdash | \vdash | Г | _ | | _ |
| | | 91 | | | | \vdash | \vdash | - | | | _ |
| i | | 92 | | | | | \vdash | | | | \vdash |
| | | 93 | | - | _ | | | | | | |
| | | 94 | - | _ | - | \vdash | \vdash | | | | Н |
| | | 95 | \vdash | Н | Н | \vdash | 1 | \vdash | | _ | Ι- |
| | | 96 | | | \vdash | \vdash | \vdash | Г | Т | | \vdash |
| | | 97 | | | _ | | \vdash | | | | \vdash |
| i | | 98 | | | | | \vdash | | | | |
| | | 99 | | | | Т | | Т | | | |
| ı | | 100 | | - | T | | | | | | Т |

| Cli | aim | Date | | | | | | | | | | |
|-------|------------|----------|---|--------------|----------|--------------|----------|--------------|----------|----------|--|--|
| Final | Original | | | | | | | | | | | |
| | 101 102 | | | | | | | | | | | |
| | 102 | | | _ | | | | | <u> </u> | | | |
| | 103 104 | | _ | _ | | | <u> </u> | - | | | | |
| | 105 | М | _ | _ | | | - | | | | | |
| | 106 | | | | | | _ | | | Г | | |
| | 107 | | | , | | | | | | | | |
| | 108 | | | | | | | | | | | |
| | 109 | | | | | | | | | | | |
| | 110 111 | - | _ | _ | _ | | | H | ┝ | | | |
| | 112 | | | | _ | - | | \vdash | \vdash | ┝ | | |
| | 113 | | | _ | _ | | | | \vdash | \vdash | | |
| | 114 | | | | | | | | | | | |
| | 115 | | | | | | | | | | | |
| | 116 | | | | | L. | | | _ | | | |
| | 117 118 | | | | | Ш | | | <u> </u> | | | |
| | 118 | | | _ | | | | | <u> </u> | | | |
| | 119 | - | _ | _ | | - | | \vdash | ┝ | | | |
| | 120 121 | | | _ | | - | _ | \vdash | \vdash | \vdash | | |
| | 122 | | | | | | | | \vdash | | | |
| | 123 | | | | | | | | | | | |
| | 123 124 | | | | | | | | | | | |
| | 125 | | | | | | | | <u> </u> | _ | | |
| | 126 127 | | | | | _ | | | <u> </u> | L | | |
| | 127 | | | | _ | - | | - | | | | |
| | 128 129 | \vdash | _ | | | | | \vdash | \vdash | \vdash | | |
| | 130 | | | - | | Н | | | 一 | - | | |
| | 131 132 | | | | _ | | | | | | | |
| | 132 | | | | | | | | | | | |
| | 133 134 | | | $oxed{L}$ | | _ | | L | <u> </u> | <u> </u> | | |
| | 134 | <u> </u> | | _ | _ | | | | <u> </u> | - | | |
| - | 135 136 | - | | <u> </u> | \vdash | | - | | - | H | | |
| | 137 | \vdash | _ | \vdash | | ┢ | - | \vdash | - | | | |
| | 138 | | | | - | \vdash | H | \vdash | - | | | |
| | 139 | | | Г | | | | | | | | |
| | 140 | | | | | | | | | | | |
| | 141 | | | | L | _ | L_ | <u> </u> | | _ | | |
| | 142 | <u> </u> | | <u> </u> | <u> </u> | _ | ļ | ├— | _ | <u> </u> | | |
| | 143 | \vdash | _ | L | <u> </u> | _ | <u> </u> | ├- | - | \vdash | | |
| | 144 | - | - | - | <u> </u> | - | ├ | \vdash | - | - | | |
| | 146 | - | - | - | \vdash | - | \vdash | \vdash | - | - | | |
| | 147 | | | - | Г | Т | Т | <u> </u> | | | | |
| | 148 | | | | | | | | | | | |
| | 149 | | | | | | | | | | | |
| | 150 | | | | | | L | | | L | | |